Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (CURRENTLY AMENDED) An inhalation therapy device comprising

a. an aerosol membrane generator,

i. having a liquid storage container into which a liquid that can be used for therapy is fillable,

ii. having a membrane which is connected on one side with the liquid storage container such that a liquid disposed in the liquid storage container contacts one side of said membrane, and

iii. having an oscillation generator for generating oscillations by means of which a liquid disposed in the liquid storage container is nebulised into an aerosol through openings in the membrane to the other side of said membrane,

b. a mixing chamber into which the aerosol membrane generator generates the aerosol, and

c. an inhalation valve which allows the inflow of ambient air into the mixing chamber during the inhalation phases and which prevents the aerosol from escaping from

the mixing chamber during the exhalation phases and which forms a wall section of said mixing chamber,

i. having an aerosol passage, via which the aerosol generated by the membrane generator arrives in the mixing chamber, said aerosol passage being disposed with one section on a surface of the aerosol membrane generator so as to surround the membrane along at least one sealing line, and extending in an opening manner into the mixing chamber,

ii. having at least one breathing air through opening disposed in ~~the~~ a region around the aerosol passage, and

iii. having a valve element disposed in the region around the aerosol passage such that the valve element closes the at least one breathing air through opening in exhalation phases and opens it in inhalation phases,

iv. having an edge section clamped between a wall of the aerosol membrane generator and a wall of the mixing chamber;

wherein the inhalation valve is configured in one piece comprising the edge section and defines the aerosol passage and the at least one breathing air through opening.

2. (PREVIOUSLY PRESENTED) The inhalation therapy device of claim 1, wherein a plurality of breathing air through openings are provided.

3. (PREVIOUSLY PRESENTED) The inhalation therapy device of claim 1, wherein a surrounding groove is provided to retain the valve element.

5. (PREVIOUSLY PRESENTED) The inhalation therapy device of claim 1, wherein the aerosol passage is pipe-shaped and the valve element is annular and said valve element accommodates the pipe-shaped aerosol passage in the annular opening.

6. (PREVIOUSLY PRESENTED) The inhalation therapy device of claim 5, wherein a surrounding groove is provided to accommodate the valve element in the outer surface of the pipe-shaped aerosol passage.

7. (PREVIOUSLY PRESENTED) The inhalation therapy device of claim 5, wherein the pipe-shaped aerosol passage is formed by a cylindrical sleeve, provided on the outer surface of which is a region accommodating the breathing air through openings, which extends essentially perpendicular to the longitudinal axis of the sleeve.

8. (PREVIOUSLY PRESENTED) The inhalation therapy device of claim 7, wherein the cylindrical sleeve is disposed concentrically to the membrane.

9. (PREVIOUSLY PRESENTED) The inhalation therapy device of claim 7, wherein the valve element is configured as a circular ring and accommodates the cylindrical sleeve in the annular opening.

10. (PREVIOUSLY PRESENTED) The inhalation therapy device of claim 1, wherein the aerosol passage comprises a bulge in the area facing the membrane.

11. (PREVIOUSLY PRESENTED) The inhalation therapy device of claim 1, wherein the one or more breathing air through openings extend essentially parallel to the aerosol passage.

12. (PREVIOUSLY PRESENTED) The inhalation therapy device of claim 1, wherein the one or more breathing air through openings extend in a spiral manner in relation to the aerosol passage.

12. (PREVIOUSLY PRESENTED) The inhalation therapy device of claim 1, wherein the one or more breathing air through openings extend in a spiral manner in relation to the aerosol passage.

13. (PREVIOUSLY PRESENTED) The inhalation therapy device of claim 1, wherein the one or more breathing air through openings are configured as circular ring sections or segments.

14. (CANCELLED)

15. (PREVIOUSLY PRESENTED) The inhalation therapy device of claim 1, wherein the one or more breathing air through openings are provided on all sides around the aerosol passage.

16. (PREVIOUSLY PRESENTED) The inhalation therapy device of claim 1, wherein the breathing air through openings are designed to extend in a sloping manner such that the breathing air is guided away from the fixing point of the valve element.

17. (PREVIOUSLY PRESENTED) The inhalation therapy device claim 1, wherein the region of the one or more breathing air through openings is disposed essentially on a plane with the membrane.

18. (PREVIOUSLY PRESENTED) The inhalation therapy device of claim 1, wherein the valve element is produced from a resilient material.

19. (PREVIOUSLY PRESENTED) The inhalation therapy device of claim 1, wherein the inhalation valve is produced from a resilient material.